

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Brian S. Sproat

Serial No.: Continuation of 09/908,042

Art Unit: Not Yet Assigned

Filed: July 25, 2003

Examiner: Not Yet Assigned

For: *PURIFICATION OF OLIGOMERS*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including five (5) pages of Form PTO-1449. All of the documents cited below were cited by or submitted to the Patent Office in Application Serial No. 09/908,042, filed July 18, 2001, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

### U.S. Patents

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
5,113,005	05-12-1992	Celebuski	556/449
5,482,836	01-09-1996	Cantor et al.	435/6
6,410,225	06-25-2002	Sproat	435/6

### Foreign Documents

<u>Number</u>	<u>Publication Date</u>	<u>Patentee</u>	<u>Country</u>
WO 97/18312	05-22-1997	VIMRX Holdings, Ltd.	PCT
0 571 087	11-24-1993	Rohm & Haas	EP

### Publications

BENSELER, et al., "Hammerhead-like Molecules Containing Non-Nucleoside Linkers Are Active RNA Catalysts" *J. Am. Chem. Soc.* 115:8483-8484 (1993).

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RAMAGE & WAHL, "4-(17-Tetrabenzo[*a,c,g,i*]fluorenylmethyl)-4',4"-Dimethoxytrityl Chloride: A Hydrophobic 5'-Protecting Group for the Separation of Synthetic Oligonucleotides" *Tetrahedron Letters* 34:7133-7136 (1993).

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SINHA, et al., "Polymer support oligonucleotide synthesis XVIII<sup>1,2</sup>: use of  $\beta$ -cyanoethyl-N,N-dialkylamino-/N-morpholino phosphoramidite of deoxynucleosides for the synthesis of DNA fragments simplifying deprotection and isolation of the final product" *Nucleic Acids Research* 12:4539-4557 (1984).

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WINCOTT, et al., "Synthesis, deprotection, analysis and purification of RNA and ribozymes" *Nucleic Acids Research* 23:2677-2684 (1995).

### Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,



Patrea L. Pabst  
Reg. No. 31,284

Dated: July 25, 2003

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				First Named Inventor		Brian S. Sproat	
				Group Art Unit			
				Examiner Name			
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